

iHeat central heating fittings kit (R5046) installation instructions

The Rinnai iHeat central heating fittings kit has been designed to simplify and speed up the iHeat installation process and fit within the Rinnai Infinity pipe cover.

R5046 kit contents		Qty.
11016	Nipple 20 mm hex crox 30 mm	1
11025	Connector T 20 mm	4
12070	Nipple non-return	2
12071	Nipple tapered	1
10272	Expansion valve H704	1
12073	Tempering valve heat	1
12074	Hose braided elbow	1
12075	Nipple tapered crox parallel	2
12076	Nipple tapered parallel	1
7686	Socket M&F crox ext 20 mm	1



- 1 Swivel connector onto Rinnai Infinity hot water supply pipe
- 2 Swivel connector onto Rinnai Infinity cold water supply pipe.
- 3 Gas supply line and isolation valve
- 4 850 kPa PRV—lever used to bleed system of air
- 5 Drain line to gully (copper pipe)
- 6 Flexi SS pipe connecting cold water supply into tempering valve
- 7 Mains pressure cold water inlet and isolation valve (not supplied)
- 8 Return pipe from iHeat
- 9 DHW supply pipe
- 10 Tempering valve
- 11 Hot water supply pipe to iHeat
- 12 T-shaped connector providing hot water supply to iHeat and tempering valve

Begin by isolating the DHW supply and remove existing plumbing pipework under the Rinnai Infinity gas water heater to make provision for the fittings kit. Installation of the fittings kit is possible with the gas line in place and connected to the Rinnai Infinity.

1. Install the hot water supply assembly, which includes the tempering valve first.
2. Install the cold water supply assembly, which includes the PRV.
3. Attach the SS flexi hose between the cold water supply and the cold side of the tempering valve.
4. Complete the flow and return pipes and connections from the Rinnai iHeat.
5. Connect the drain line (copper pipe).

The components of the fittings kit are a condensed, preassembled, and pressure tested version of the iHeat plumbing schematic (p. 2).

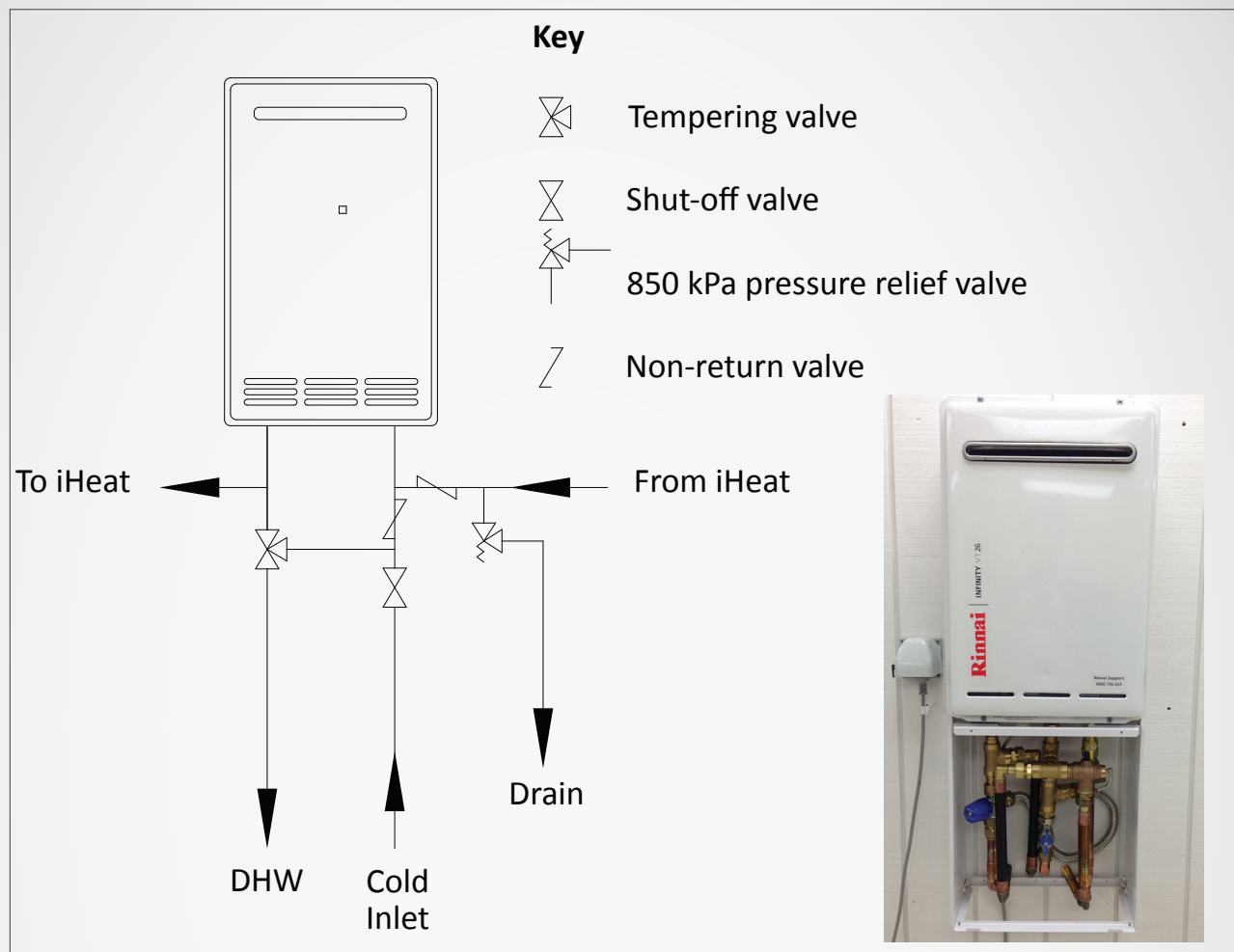
The inlet and outlet assemblies of the fittings kit have been designed with swivel connectors (image on p. 2). These connect directly to the inlet and outlet pipes of the Rinnai Infinity gas water heater.

Connection points for the Rinnai iHeat pipes and water isolation valve are 20 mm parallel threads with a machined flat face.

Spring-type non-return valves have been specifically designed to sit into 20 mm male connectors (image on p.2). These spring-type non-return connectors are situated on the water inlet side and return line from the Rinnai iHeat.

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Rinnai Infinity and iHeat interface



Fittings kit connectors

Swivel connectors onto Rinnai Infinity inlet and outlet



20 mm connector with spring-type non-return valve

